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TECH CENTER

1600

## RAW SEQUENCE LISTING

DATE: 07/16/2003

PATENT APPLICATION: US/09/847,232A

TIME: 15:49:53

Input Set : A:\50665-8018.US00-seqlist.txt

Output Set: N:\CRF4\07152003\I847232A.raw

4 <110> APPLICANT: Huang, Ning  
 5 Hwang, Yong-Sic  
 6 Yang, Daichang  
 7 Schmidt, Robert J.  
 9 <120> TITLE OF INVENTION: Plant Transcription Factors and Enhanced  
 10 Gene Expression  
 12 <130> FILE REFERENCE: 50665-8018.US00  
 14 <140> CURRENT APPLICATION NUMBER: US 09/847,232A  
 C--> 15 <141> CURRENT FILING DATE: 2000-10-16  
 17 <150> PRIOR APPLICATION NUMBER: US 60/201,182  
 18 <151> PRIOR FILING DATE: 2000-05-02  
 20 <150> PRIOR APPLICATION NUMBER: US 60/266,920  
 21 <151> PRIOR FILING DATE: 2001-02-06  
 23 <160> NUMBER OF SEQ ID NOS: 40  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0.  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 24  
 29 <212> TYPE: DNA  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: primer  
 35 <400> SEQUENCE: 1  
 36 ctgatatgtg cccatgttcc aaac 24  
 38 <210> SEQ ID NO: 2  
 39 <211> LENGTH: 24  
 40 <212> TYPE: DNA  
 41 <213> ORGANISM: Artificial Sequence  
 43 <220> FEATURE:  
 44 <223> OTHER INFORMATION: primer  
 46 <400> SEQUENCE: 2  
 47 ccttgctgaa tgcagatgtt tcac 24  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 27  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Artificial Sequence  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: primer  
 57 <400> SEQUENCE: 3  
 58 gttagtctgc agtgaagtg tagcttc 27  
 60 <210> SEQ ID NO: 4  
 61 <211> LENGTH: 29  
 62 <212> TYPE: DNA  
 63 <213> ORGANISM: Artificial Sequence

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65 <220> FEATURE:
66 <223> OTHER INFORMATION: primer
68 <400> SEQUENCE: 4
69 atggttgctct agattttgtg ggactgaac 29
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 32
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: primer
79 <400> SEQUENCE: 5
80 acagacagct gcagagatat ggattttcta ag 32
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 33
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: primer
90 <400> SEQUENCE: 6
91 ggaactctct agagctatct gtacttgctt atg 33
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 27
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: primer
101 <400> SEQUENCE: 7
102 tccgagctgc agtaatggat acctagt 27
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 27
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: primer
112 <400> SEQUENCE: 8
113 gtagtttcta gagctattag cagttgc 27
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 27
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: primer
123 <400> SEQUENCE: 9
124 cgggtgctgca gatgggttgg gaaccct 27
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 28
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:

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132 <223> OTHER INFORMATION: primer
134 <400> SEQUENCE: 10
135 atgatctaga ttgctctggg acatagat 28
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 27
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: primer
145 <400> SEQUENCE: 11
146 aattcctgca gcatcggctt aggtgta 27
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 27
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: primer
156 <400> SEQUENCE: 12
157 tgatctagat tgttggtgga ttctact 27
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 29
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: primer
167 <400> SEQUENCE: 13
168 ggcgcctgca gggaggagag gggagagat 29
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 29
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: primer
178 <400> SEQUENCE: 14
179 accttgctct agattgatga tcaatcaga 29
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 31
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: primer
189 <400> SEQUENCE: 15
190 cgtcgtctct gcaggccagg gaaagacaat g 31
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 29
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: primer

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200 <400> SEQUENCE: 16
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205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: primer
211 <400> SEQUENCE: 17
212 ttctgggatc caagatgcct accgagg                27
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 27
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: primer
222 <400> SEQUENCE: 18
223 ggggtcggat ccgagatggg catggac                27
225 <210> SEQ ID NO: 19
226 <211> LENGTH: 28
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: primer
233 <400> SEQUENCE: 19
234 agtgggggatc ctaagccgag gccgcaac                28
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 28
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: primer
244 <400> SEQUENCE: 20
245 gctaggggat cctggtgcat aggtagca                28
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 19
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: primer
255 <400> SEQUENCE: 21
256 cggcaacagg attcaatct                19
258 <210> SEQ ID NO: 22
259 <211> LENGTH: 24
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: primer
266 <400> SEQUENCE: 22

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267 ccatccaatc caatccactc caac 24
269 <210> SEQ ID NO: 23
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: primer
277 <400> SEQUENCE: 23
278 aggcgattaa gttgggtaac g 21
280 <210> SEQ ID NO: 24
281 <211> LENGTH: 24
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: primer
288 <400> SEQUENCE: 24
289 cctagccaaa gtcttcgagc ggtg 24
291 <210> SEQ ID NO: 25
292 <211> LENGTH: 18
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: primer
299 <400> SEQUENCE: 25
300 gcgatgttgt cttgcagc 18
302 <210> SEQ ID NO: 26
303 <211> LENGTH: 779
304 <212> TYPE: DNA
305 <213> ORGANISM: Oryza sativa
307 <400> SEQUENCE: 26
308 ttctgtagta cagacaaaac taaaagtaat gaaagaagat gtggtgtagt aaaaggaaac 60
309 aatatcatga gtaatgtgtg agcattatgg gaccacgaaa taaaaagaac attttgatga 120
310 gtcgtgtatc ctgatgagc ctcaaaagtt ctctcacccc ggataagaaa cccttaagca 180
311 atgtgcaaag tttgcattct ccaactgacat aatgcaaaat aagatatcat cgatgacata 240
312 gcaactcatg catcatatca tgctctcttc aacctattca ttctactca tctacataag 300
313 tatcttcagc taaatgtag aacataaacc cataagtcac gtttgatgag tattaggcgt 360
314 gacacatgac aaatcacaga ctcaagcaag ataaagcaaa atgatgtgta cataaaactc 420
315 cagagctata tgtcatattg caaaaagagg agagcttata agacaaggca tgactcacia 480
316 aaattcactt gcctttcgtg tcaaaaagag gagggcttta cattatccat gtcattatgc 540
317 aaaagaaaga gagaaagaac aacacaatgc tgcgtcaatt atacatatct gtatgtccat 600
318 cattatteat ccacctttcg tgtaccacac ttcatatata ataagagtca cttcacgtct 660
319 ggacattaac aaactctatc ttaacattta gatgcaagag cctttatctc actataaatg 720
320 cacgatgatt tctcattggt tctcacaata agcattcagt tcattagtcc tacaacaac 779
322 <210> SEQ ID NO: 27
323 <211> LENGTH: 672
324 <212> TYPE: DNA
325 <213> ORGANISM: Oryza sativa
327 <400> SEQUENCE: 27
328 aattccttct acatcggctt aggtgtagca acacgaactt attattatta ttattattat 60

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; N Pos. 8